Form PTO-A820 U.S. DEPARTMENT OF COMMERCE

/Adrian Kennedy/

ATTY. DOCKET NO. SERIAL NO. 3005669-0003-R 10/645,982 **APPLICANT**

PATENT AND TRADEMARK OFFICE Dean S. Thompson LIST OF PRIOR ART CITED BY APPLICANT **GROUP FILING DATE** (Use several sheets if necessary) 2129 August 22, 2003 U.S. PATENT DOCUMENTS **FILING DATE EXAMINER** IF APPROPRIATE **DOCUMENT NUMBER** DATE NAME CLASS **SUBCLASS** INITIAL* 9 3 5 8 7 7 6/1990 Koza ΑK AA 2 3/2003 6 5 Koza ΑK AB AC ΑD ΑE AF AG ΑH ΑI ΑJ FOREIGN PATENT DOCUMENTS TRANSLATION DATE COUNTRY CLASS **SUBCLASS** YES NO DOCUMENT NUMBER ΑL AM AN ΑO ΑP OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Cramer, N.L., A Representation for the Adaptive Generation of Simple Sequential Programs, Proceedings of An International Conference on ΑK Genetic Algorithms and Their Applications, July 24-26, 1985 at Camegie-Mellon University, Pittsburgh, PA, John J. Grefenstette, Editor, pp. 183-187. AS Droste, S. and Wiesmann, D., On Representation and Genetic Operators in Evolutionary Algorithms, In Reihe Computational Intelligence. Collaborative Research Center 531, University of Dortmund, 1998, pp. 1-34 AK ΑT DeJong, K.A., Spears, William M., Using Genetic Algorithms to Solve NP-Complete Problems, in Proc. Of the Third International Conference AK on Genetic Algorithms, Morgan Kaufmann, San Mateo, CA (1989) pp.124-132 **EXAMINER** DATE CONSIDERED

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	BF	Hu, X., and	Eberhart, R.	Solving	Constrained N	onlinear Opt	imization Problems wi	ith Particle Sw	arm Optimization	, 2002.			
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AK	BU	Kirkpatrick, S., Gelatt, D Jr., and Vecchi, M.P., Optimization by Simulated Annealing., Science, Vol. 220, No. 4598, May 1983, pp.671-680.											
	 												
	вн	B						or the Genotype-phenotype Mapping: Causality. Proceedings of the Seventh					
AK		<u>international</u>	Conterence	un Gen	ctic Algorithm	<u>sticoa),</u> 19	71, pp. 13-8U.						
	ļ	Thornton, C., The Building Block Fallacy. Cognitive and Computing Sciences, University of Sussex, January 1997, pp.1-9.											
	BI	Thornton, C.	, The Buildin	ng Bloc	k Fallacy. <u>Cog</u>	nitive and Co	mputing Sciences, Un	iversity of Sus	sex, January 1997	, pp.1-9.			
AK													
	BJ Wolpert, David H. and Macready W.G., No Free Lunch Theorems for Search, The Santa Fe Institute, February 1995,												
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	BX	Holland, J	J.H., Ad:	aptation in I	Natural and	Artificial	Systems, 1	The University of Mic	higan Press, S	ections 6.1, 6.2, a	nd 8.4, 1975.		
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	BY	Simon, H. A. The Architecture of Complexity: Hierarchic Systems. <u>Proceedings of the American Philosophical Society</u> , 106, Decer										ecember 1962	
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